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38342-178463

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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/074,225	02/14/2002	Fernando Donate	38342-178463

Venable  
P.O. Box 34385  
Washington, DC 20045-9985

DOCKETED  
SEQUENCE LISTING  
CLIENT/MATTER # 38342-178463  
DUE DATE 11/03/2002  
FINAL DEADLINE 04/03/2003  
DKTD BY BN MC

CONFIRMATION NO. 6196

FORMALITIES LETTER



\*OC00000008720850\*

Date Mailed: 09/03/2002

### NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file the items indicated below to avoid abandonment. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

For questions regarding compliance to these requirements, please contact:

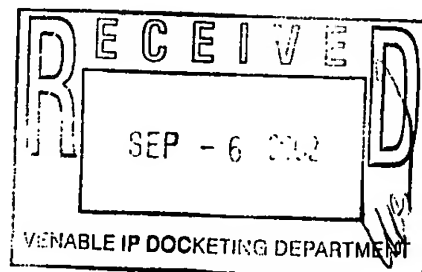
- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
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PART 1 - ATTORNEY/APPLICANT COPY





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10/074,225	02/14/2002	Fernando Donate	38342-178463

CONFIRMATION NO. 6196

Venable  
P.O. Box 34385  
Washington, DC 20043-9998

**FORMALITIES LETTER**



\*OC000000008720850\*

Date Mailed: 09/03/2002

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS  
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PART 2 - COPY TO BE RETURNED WITH RESPONSE

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The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/074,225  
Source: OIPE  
Date Processed by STIC: 8/12/02

**THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.**

**PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:**

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

**FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.**

**FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.**

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Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

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2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:  
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
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Revised 01/29/2002



Does Not Comply  
Corrected Diskette Needed

OIPE

## RAW SEQUENCE LISTING

DATE: 08/12/2002

PATENT APPLICATION: US/10/074,225

TIME: 16:06:51

Input Set : C:\CRF4\Datahold\Sample.app

Output Set: N:\CRF4\08122002\J074225.raw

3 <110> APPLICANT: Smith, John  
 4 Smith, Jane  
 5 Garcia Consulting  
 7 <120> TITLE OF INVENTION: Test Application Title (CCH00001)  
 9 <130> FILE REFERENCE: CCH01  
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/074,225  
 C--> 12 <141> CURRENT FILING DATE: 2002-08-06  
 14 <160> NUMBER OF SEQ ID NOS: 7  
 16 <170> SOFTWARE: PatentIn For Windows v. 2

## ERRORED SEQUENCES

73 <210> SEQ ID NO: 2  
 74 <211> LENGTH: (950) *found 949*  
 75 <212> TYPE: DNA  
 76 <213> ORGANISM: Uca pugilator  
 78 <220> FEATURE:  
 79 <221> NAME/KEY: CDS  
 80 <222> LOCATION: (273)...(389)  
 81 <223> OTHER INFORMATION: Test Other Information  
 83 <400> SEQUENCE: 2  
 84 ccattttaaac caaaaaaaaaa aaacggtgga caccggttaa ccccggttaa gtaccggttt 60  
 86 aggccatttc aggccaaatg tgcccaacta cgccaattgt ttgccaacg gccaacgtta 120  
 88 cgttcgtacg cagctatgta cctaggtact tacggacgtg actacggaca ctcccgtagc 180  
 90 tacgtacgtt tacgtaccca tcccaacgta accacagtgt ggtagcagtg tccagtgta 240  
 92 cacagactgc cagacattct tcacagacac cc cat gac acc acc tga acg tct 293  
 93 His Asp Thr Thr Thr Ser  
 W--> 94 1 5  
 96 ctt cct ccc aag ggt gtg tgg cac cac cct aca cct cct cct tct ggg 341  
 97 Leu Pro Pro Lys Gly Val Trp His His Pro Thr Pro Pro Ser Gly  
 W--> 98 10 15 20  
 100 gct gct gct ggt tct gct gcc tgg ggc cca tgt gag gca gca gga gaa 389  
 101 Ala Ala Ala Gly Ser Ala Ala Trp Gly Pro Cys Glu Ala Ala Gly Glu  
 W--> 102 25 30 35  
 104 tggggtggct cagccaaacc ttgagcccta gagccccct caactctgtt ctccctaggg 449  
 106 ctcatgcatc ttgccacag caacctcaaa cctgctgctc acctcattgt aaacatccac 509  
 108 ctgacctccc agacatgtcc ccaccagctc tcctcctacc cctgcctcag gaacccaagc 569  
 110 atccaccctt ctcccccaac ttccccacag ctaaaaaaaa cagagggagc ccactcctat 629  
 112 gcctccccct gccatcccc aggaactcag tcagtgccca cttctacccc agcaagcaga 689  
 114 actcactgct ctggagagca aacacggacc gtgccttctt ccaggatggt ttctccttga 749  
 116 gcaacaattc tctcctggtc tagaaaaaat aattgatttc aagaccttct cccattctg 809  
 118 cctccattct gaccatttca ggggtcgtca ccacctctcc tttggccatt ccaacagctc 869

## RAW SEQUENCE LISTING

DATE: 08/12/2002

PATENT APPLICATION: US/10/074,225

TIME: 16:06:51

Input Set : C:\CRF4\Datahold\Sample.app

Output Set: N:\CRF4\08122002\J074225.raw

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120 aagtcttccc tgatcaagtc accggagctt tcaaagaagg aattctaggg atcccagggg
E--> 122 acccacacct ccctgaacca
135 <210> SEQ ID NO: 4
136 <211> LENGTH: 38 - found 34
137 <212> TYPE: PRT
138 <213> ORGANISM: Uca pugilator
140 <400> SEQUENCE: 4
141 Thr Ser Leu Pro Pro Lys Gly Val Trp His His Pro Thr Pro Pro Pro
142 1 5 10 15
144 Ser Gly Ala Ala Ala Gly Ser Ala Ala Trp Gly Pro Cys Glu Ala Ala
145 20 25 30
E--> 147 Gly Glu
171 <210> SEQ ID NO: 6
172 <211> LENGTH: 7
173 <212> TYPE: PRT
174 <213> ORGANISM: Uca pugilator
176 <400> SEQUENCE: 6
E--> 177 Xaa Glu Xaa Xaa Xaa Xaa Xaa
178 1 5
181 <210> SEQ ID NO: 7
182 <211> LENGTH: 12
183 <212> TYPE: PRT
184 <213> ORGANISM: Uca pugilator
186 <400> SEQUENCE: 7
E--> 187 Xaa Xaa Xaa Xaa Xaa
E--> 188 1 5

```

929

949

Xaa in seq. - see p. 3 for explanation

## VARIABLE LOCATION SUMMARY

DATE: 08/12/2002

PATENT APPLICATION: US/10/074,225

TIME: 16:06:52

Input Set : C:\CRF4\Datahold\Sample.app

Output Set: N:\CRF4\08122002\J074225.raw

Use of n's or Xaa's (NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of &lt;220&gt; to &lt;223&gt; is MANDATORY if n's or Xaa's are present.

In &lt;220&gt; to &lt;223&gt; section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:5; N Pos. 21,23,25,26

Seq#:5; Xaa Pos. 1,2,4,5,6,7,8,9,10,11,12,13,14

Seq#:6; Xaa Pos. 1,3,4,5,6,7

Seq#:7; Xaa Pos. 1,2,3,4,5

## VERIFICATION SUMMARY

PATENT APPLICATION: US/10/074,225

DATE: 08/12/2002

TIME: 16:06:52

Input Set : C:\CRF4\Datahold\Sample.app

Output Set: N:\CRF4\08122002\J074225.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:32 M:286 W: Invalid Database Entry: Valid Formats YYYY-MM-DD or Mon-YYYY, SEQ ID:1  
L:34 M:256 W: Invalid Numeric Header Field, Wrong PATENT FILING DATE:YYYY-MM-DD  
L:35 M:256 W: Invalid Numeric Header Field, Wrong PUBLICATION DATE:YYYY-MM-DD  
L:94 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:2  
L:98 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:2  
L:102 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:2  
L:122 M:252 E: No. of Seq. differs, <211> LENGTH:Input:950 Found:949 SEQ:2  
L:147 M:252 E: No. of Seq. differs, <211> LENGTH:Input:38 Found:34 SEQ:4  
L:163 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0  
L:163 M:112 C: (48) String data converted to lower case,  
L:164 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:48  
L:165 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:5  
L:168 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:52  
L:177 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:6  
L:187 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:7  
L:188 M:252 E: No. of Seq. differs, <211> LENGTH:Input:12 Found:5 SEQ:7